

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Kichiya TANINO et al

Appln. No.: 09/771,556

Filed: January 30, 2001

For: SINGLE CRYSTAL SIC AND A  
METHOD OF GROWING THE SAME



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)  
) Art Unit: 1765

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) Ex: R.M. Kunemund  
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**DECLARATION UNDER 37 CFR. 1.132**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I, Yasutsugu Tanishita, declare that:

1. I am a co-inventor of the invention disclosed and claimed in the above-identified patent application.
2. I graduated from the Hyogo Prefectural Sasayama Industrial High School in 1983.
3. Since 1983 I have been employed by Nippon Pillar Packing Co. in its Business Creative Division.
4. I am familiar with the Office Action issued August 1, 2003 in the above-identified application, and specifically the Examiner's comment regarding the Miller Indexes. The Examiner has stated that "....it is well known in the art that crystal have Miller indexes and different ones can be used during the formation of new crystals. Further, since the indexes create

different growth fronts due to atom placement and size, this effects the growing crystal. One of ordinary skill in the art with this knowledge would obviously know to use different indexes to create different crystals.”

I am familiar with Miller Indexes. Still, when I conceived and reduced to practice the invention disclosed and claimed in the above-noted patent application, I did not contemplate, in any way, Miller Indexes.

It is further stated that all statements made herein of undersigned’s own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S. Code 1001 and that such willful false statements may jeopardize the validity of this application and any patent issuing thereon.

Date: December 19, 2003

*Y. Tanishita*  
Yasutsugu Tanishita

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

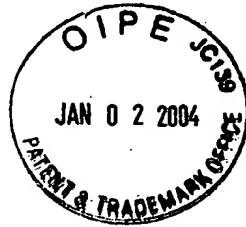
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**DECLARATION UNDER 37 CFR. 1.132**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I, Kichiya Tanino, declare that:

1. I am a co-inventor of the invention disclosed and claimed in the above-identified patent application.
2. I received a Bachelor of Engineering degree in applied Chemistry in 1963 from the Himeji Institute of Technology, and a Master of Engineering degree in applied Chemistry in 1970 from the Himeji Institute of Technology.
3. Since 1970 I have been employed by Nippon Pillar Packing Co. in its Business Creative Division.
4. I am familiar with the Office Action issued August 1, 2003 in the above-identified application, and specifically the Examiner's comment regarding the Miller Indexes. The Examiner has stated that "....it is well known in the art that crystal have Miller indexes and

different ones can be used during the formation of new crystals. Further, since the indexes create different growth fronts due to atom placement and size, this effects the growing crystal. One of ordinary skill in the art with this knowledge would obviously know to use different indexes to create different crystals."

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Date: December 19, 2003

Kichiya Tanino

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